

UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 20, 2014

All Power Reactor Licensees and Holders of Construction Permits in Active or Deferred Status on the Enclosed List

SUBJECT: SUPPLEMENTAL INFORMATION RELATED TO REQUEST FOR

INFORMATION PURSUANT TO TITLE 10 OF THE CODE OF FEDERAL REGULATIONS 50.54(f) REGARDING SEISMIC HAZARD REEVALUATIONS FOR RECOMMENDATION 2.1 OF THE NEAR-TERM TASK FORCE REVIEW

OF INSIGHTS FROM THE FUKUSHIMA DAI-ICHI ACCIDENT

On March 12, 2012, the U.S. Nuclear Regulatory Commission (NRC) issued a request for information pursuant to Title 10 of the *Code of Federal Regulations*, Part 50 (10 CFR), Section 50.54(f). The purpose of that request was to gather information concerning, in part, the seismic and flooding hazards at operating reactor sites to enable the NRC staff to determine whether your license should be modified, suspended, or revoked. The "Required Response" section of Enclosure 1 indicated that licensees should provide a Seismic Hazard Evaluation and Screening report within 1.5 years from the date of the letter for central and eastern United States (CEUS) nuclear power plants, and within 3 years for western United States (WUS) plants. For CEUS plants, the date to submit the report was extended to March 31, 2014, by NRC letter dated May 7, 2013.¹

Licensees whose plant's current seismic design basis does not bound the reevaluated seismic hazard are screened in for further evaluation. For these plants, licensees are expected to submit an interim evaluation or interim actions taken or planned to address the reevaluated hazard where it exceeds the current design basis along with the Seismic Hazard Evaluation and Screening report by March 31, 2014. Additionally, all licensees with CEUS plants that screen in for further evaluation will also conduct an assessment (i.e., expedited approach) to identify certain plant safety enhancements that can be implemented by 2016. Subsequently, licensees with plants that screen in for further evaluation are requested to submit a seismic risk evaluation to assess the total plant response to the reevaluated hazard.

All licensees have committed to follow the Electric Power Research Institute (EPRI) Report, "Seismic Evaluation Guidance: Screening, Prioritization and Implementation Details (SPID) for the Resolution of Fukushima Near-Term Task Force Recommendation 2.1: Seismic," as supplemented by the EPRI Report, "Seismic Evaluation Guidance: Augmented Approach for the Resolution of Fukushima Near-Term Task Force Recommendation 2.1: Seismic, (referred to as the Expedited Approach). The NRC staff will treat the licensees that depart from the previously committed to and endorsed guidance for responding to the 50.54(f) letter as

³ The Expedited Approach guidance document is found in ADAMS under Accession No. ML13102A142.

¹ The May 7, 2013, endorsement letter is available in the Agencywide Document Access and Management System (ADAMS) under Accession No. ML13106A331.

² The SPID guidance document is found in ADAMS under Accession No. ML12333A170. The staff endorsement letter for the SPID guidance is found in ADAMS under Accession No. ML12319A074.

screening into the next phase of expedited approach. Licensees are reminded that the expedited evaluations are to be completed by December 2014 for the CEUS plants.

During the course of stakeholder interactions regarding the hazard reevaluations, various questions were raised with respect to operability and reportability of systems, structures, and components (SSC) if the reevaluated seismic hazard is not bounded by the current seismic design basis. Similar issues were discussed in a February 11, 2013, public meeting concerning the flooding hazard reevaluations.⁴ As a result, the staff issued a letter dated March 1, 2013, providing the NRC staff's position and expectations for your assessment of new information resulting from the flooding hazard reevaluations. The purpose of this letter is to provide you with the NRC staff's position and expectations for your assessment of new information resulting from the seismic hazard reevaluations.

Operability and Reportability

The staff considers the seismic hazard reevaluations being performed pursuant to the 50.54(f) letter to be distinct from the current design or licensing basis of operating plants. Consequently, the results of the analysis performed using present-day regulatory guidance, methodologies, and information would not generally be expected to call into question the operability or functionality of SSCs. Therefore, the results are not expected to be reportable pursuant to 10 CFR 50.72, "Immediate notification requirements for operating nuclear power reactors," and 10 CFR 50.73, "Licensee event report system."

However, as with any new information that may arise at a plant, licensees are responsible for evaluating and making determinations related to operability, and any associated reportability, on a case-by-case basis. Licensees should consider and disposition the information through their corrective action program or equivalent process. If an error is identified in the current design or licensing basis during the performance of the requested seismic hazard evaluation, the staff expects that licensees would assess the operability of the affected SSC. Additionally, licensees would need to determine if the situation is reportable pursuant to 10 CFR 50.72 and 50.73. Licensees would also be expected to determine whether aspects of 10 CFR 50.9, concerning the requirement to provide complete and accurate information to the NRC, would be applicable.

Notwithstanding the preceding discussion, and as noted in the 50.54(f) letter, based upon the results of the review of the responses and other available information, the staff may impose additional requirements to protect against the reevaluated seismic hazard. As always, the safety of the operating plants is of paramount importance. The NRC staff will follow established regulatory processes, including the backfit rule, in determining whether additional requirements are warranted.

Interim Actions (Requested Information, Item (6))

Consistent with the 10 CFR 50.54(f) letter dated March 12, 2012, licensees are expected to provide, as part of the Seismic Hazard Evaluation and Screening report, an interim evaluation or interim actions taken or planned to address the reevaluated hazard (where it is not bounded by the current design basis). Licensees should describe the interim evaluations and actions in sufficient detail to demonstrate that the proposed actions are commensurate with the hazard

⁴ The February 11, 2013, meeting summary is available in ADAMS under Accession No. ML13045B074.

⁵ The March 1, 2013 letter is available in ADAMS under Accession No. ML13044A561.

and will allow the NRC staff to assess their acceptability. The NRC staff will consider the appropriateness of the interim evaluations or actions in the context of a licensee's ability to demonstrate the seismic safety of the plant.

The staff has determined that the Expedited Approach provides an important demonstration of seismic margin and will result in plant safety enhancements through evaluations and potential modifications of certain core and containment cooling equipment in advance of completing the more comprehensive plant seismic risk evaluations.

Although plant safety enhancements resulting from the Expedited Approach will generally⁶ be implemented by December 2016 for CEUS plants and June 2018 for WUS plants, licensees should not solely rely on the Expedited Approach as their interim actions. Instead, licensees should provide, with the March 31, 2014, screening report, an interim evaluation or actions as described above to demonstrate that the plant can cope with the reevaluated hazard while the expedited approach and risk evaluations are conducted.

If you have any questions on this matter, please contact your NRC licensing Project Manager.

Sincerely,

Erc J. Leeds, Director

Office of Nuclear Reactor Regulation

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Enclosure: List of Addressees

cc: Listserv

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⁶ The time to complete modifications resulting from the expedited approach could extend beyond 2016 for some CEUS plants, if a plant outage is required to access the equipment.

POWER REACTOR LICENSEES AND HOLDERS OF CONSTRUCTION PERMITS IN ACTIVE OR DEFERRED STATUS

Arkansas Nuclear One Entergy Operations, Inc. Docket Nos. 50-313 and 50-368

License Nos. DPR-51 and NPF-6

Vice President, Operations Arkansas Nuclear One Entergy Operations, Inc. 1448 S.R. 333 Russellville. AR 72802

Beaver Valley Power Station

First Energy Nuclear Operating Co. Docket Nos. 50-334 and 50-412 License Nos. DPR-66 and NPF-73

Mr. Eric A. Larson Site Vice President Beaver Valley Power Station P.O. Box 4, Route 168 Shippingport, PA 15077

Bellefonte Nuclear Plant

Tennessee Valley Authority Docket Nos. 50-438 and 50-439 Construction Permit Nos. CPPR No. 122 and CPPR No. 123

Mr. Michael D. Skaggs Senior Vice President, Nuclear Construction Tennessee Valley Authority Lookout Place 6A 1101 Market Street Chattanooga, TN 37402-2801 Braidwood Station

Exelon Generation Co., LLC Docket Nos. STN 50-456 and STN 50-457 License Nos. NPF-72 and NPF-77

Mr. Michael J. Pacilio President and Chief Nuclear Officer Exelon Generation Company, LLC 4300 Winfield Road Warrenville, IL 60555

Browns Ferry Nuclear Plant

Tennessee Valley Authority
Docket Nos. 50-259, 50-260 and 50-296
License Nos. DPR-33, DPR-52 and DPR-68

Mr. Joseph W. Shea Vice President, Nuclear Licensing Tennessee Valley Authority 1101 Market Street, LP 3D-C Chattanooga, TN 37402-2801

Brunswick Steam Electric Plant

Duke Energy Progress, Inc. Docket Nos. 50-325 and 50-324 License Nos. DPR-71 and DPR-62

George T. Hammrick, Vice President Brunswick Steam Electric Plant P.O. Box 10429 Southport, NC 28461

Byron Station

Exelon Generation Co., LLC Docket Nos. STN 50-454 and STN 50-455 License Nos. NPF-37 and NPF-66

Mr. Michael J. Pacilio President and Chief Nuclear Officer Exelon Generation Company, LLC 4300 Winfield Road Warrenville, IL 60555 Callaway Plant
Union Electric Company
Docket No. 50-483
License No. NPF-30

Mr. Fadi Diya Senior Vice President and Chief Nuclear Officer Ameren Missouri Callaway Plant P.O. Box 620 Fulton, MO 65251

Calvert Cliffs Nuclear Power Plant
Calvert Cliffs Nuclear Power Plant, LLC
Docket Nos. 50-317 and 50-318
License Nos. DPR-53 and DPR-69

Mr. George H. Gellrich, Vice President Calvert Cliffs Nuclear Power Plant, LLC. Calvert Cliffs Nuclear Power Plant 1650 Calvert Cliffs Parkway Lusby, MD 20657-4702

Catawba Nuclear Station

Duke Energy Carolinas, LLC

Docket Nos. 50-413 and 50-414

License Nos. NPF-35 and NPF-52

Mr. Kelvin Henderson Site Vice President Duke Energy Carolinas, LLC Catawba Nuclear Station 4800 Concord Road York, SC 29745

Clinton Power Station
Exelon Generation Co., LLC
Docket No. 50-461
License No. NPF-62

Mr. Michael J. Pacilio President and Chief Nuclear Officer Exelon Nuclear 4300 Winfield Road Warrenville, IL 60555 Columbia Generating Station
Energy Northwest
Docket No. 50-397
License No. NPF-21

Mr. Mark E. Reddemann Chief Executive Officer Energy Northwest MD 1023 North Power Plant Loop P.O. Box 968 Richland, WA 99352

Comanche Peak Nuclear Power Plant Luminant Generation Co., LLC Docket Nos. 50-445 and 50-446 License Nos. NPF-87 and NPF-89

Mr. Rafael Flores
Senior Vice President and
Chief Nuclear Officer
Attention: Regulatory Affairs
Luminant Generation Company, LLC
P.O. Box 1002
Glen Rose, TX 76043

Cooper Nuclear Station
Nebraska Public Power District
Docket No. 50-298
License No. DPR-46

Mr. Oscar A. Limpias
Vice President Nuclear and
Chief Nuclear Officer
Nebraska Public Power District
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Brownville, NE 68321

<u>Davis-Besse Nuclear Power Station</u>
First Energy Nuclear Operating Co.
Docket No. 50-346
License No. NPF-3

Mr. Raymond A. Lieb Site Vice President FirstEnergy Nuclear Operating Company c/o Davis-Besse NPS 5501 N. State Route 2 Oak Harbor, OH 43449-9760

Diablo Canyon Power Plant
Pacific Gas & Electric Co.
Docket Nos. 50-275 and 50-323
License Nos. DPR-80 and DPR-82

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Senior Vice President and
Chief Nuclear Officer
Pacific Gas and Electric Company
P.O. Box 56,
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Avila Beach, CA 93424

Donald C. Cook Nuclear Plant
Indiana Michigan Power Company
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74

Mr. Lawrence J. Weber Senior Vice President and Chief Nuclear Officer Indiana Michigan Power Company Nuclear Generation Group One Cook Place Bridgman, MI 49106 Dresden Nuclear Power Station
Exelon Generation Company
Docket Nos. 50-237 and 50-249
License Nos. DPR-19 and DPR-25

Mr. Michael J. Pacilio President and Chief Nuclear Officer Exelon Nuclear 4300 Winfield Road Warrenville, IL 60555

Duane Arnold Energy Center
NextEra Energy Duane Arnold, LLC
Docket No. 50-331
License No. DPR-49

Mr. Rich Anderson Site Vice President NextEra Energy Duane Arnold Energy Center 3277 DAEC Road Palo, IA 52324-9785

Edwin I. Hatch Nuclear Plant
Southern Nuclear Operating Co.
Docket Nos. 50-321 and 50-366
License Nos. DPR-57 and NPF-5

Mr. C.R. Pierce Regulatory Affairs Director Southern Nuclear Operating Company, Inc. P.O. Box 1295/BIN B038 Birmingham, AL 35201-1295

Fermi
DTE Electric Company
Docket No. 50-341
License No. NPF-43

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Senior Vice President and Chief Nuclear
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DTE Electric Company
Fermi 2 – 210 NOC
6400 North Dixie Highway
Newport, MI 48166

Fort Calhoun Station
Omaha Public Power District
Docket No. 50-285
License No. DPR-40

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Vice President and Chief Nuclear Officer
Omaha Public Power District
Fort Calhoun Station
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9610 Power Lane
Blair, NE 68008

Grand Gulf Nuclear Station Entergy Operations, Inc.

Docket No. 50-416 License No. NPF-29

Vice President, Operations Entergy Operations, Inc. Grand Gulf Nuclear Station P.O. Box 756 Port Gibson, MS 39150

H. B. Robinson Steam Electric Plant
Duke Energy Progress, Inc.
Docket No. 50-261
License No. DPR-23

Mr. William R. Gideon Vice President H.B. Robinson Steam Electric Plant 3581 West Entrance Road Hartsville, SC 29550

Hope Creek Generating Station PSEG Nuclear, LLC Docket No. 50-354

License No. NPF-57

Mr. Thomas Joyce
President and Chief Nuclear Officer
PSEG Nuclear LLC - N09
P.O. Box 236,
Hancocks Bridge, NJ 08038

Indian Point Energy Center
Entergy Nuclear Operations, Inc.
Docket Nos. 50-247 and 50-286
License Nos. DPR-26 and DPR-64

Vice President, Operations Entergy Nuclear Operations, Inc. Indian Point Energy Center 450 Broadway, GSB P.O. Box 249 Buchanan, NY 10511-0249

James A. FitzPatrick Nuclear Power Plant Entergy Nuclear Operations, Inc. Docket No. 50-333 License No. DPR-59

Mr. Chris Adner, Licensing Manager Entergy Nuclear Operations, Inc. James A. FitzPatrick Nuclear Power Plant P.O. Box 110 Lycoming, NY 13093

Joseph M. Farley Nuclear Plant Southern Nuclear Operating Co. Docket Nos. 50-348 and 50-364 License Nos. NPF-2 and NPF-8

Mr. C.R. Pierce Regulatory Affairs Director Southern Nuclear Operating Co., Inc. P.O. Box 1295/Bin 038 Birmingham, AL 35242

LaSalle County Station
Exelon Generation Company
Docket Nos. 50-373 and 50-374
License Nos. NPF-11 and NPF-18

Mr. Michael J. Pacilio President and Chief Nuclear Officer Exelon Nuclear 4300 Winfield Road Warrenville, IL 60555

Limerick Generating Station Exelon Generation Co., LLC

Exelon Generation Co., LLC Docket Nos. 50-352 and 50-353 License Nos. NPF-39 and NPF-85

Mr. Michael J. Pacilio President and Chief Nuclear Officer Exelon Nuclear 4300 Winfield Road Warrenville, IL 60555

Millstone Nuclear Power Station

Dominion Nuclear Connecticut, Inc. Docket Nos. 50-336 and 50-423 License Nos. DPR-65 and NPF-49

Mr. David A. Heacock
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Dominion Nuclear Connecticut, Inc.
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

Monticello Nuclear Generating Plant

Northern States Power Company -Minnesota Docket No. 50-263 License No. DPR-22

Karen D. Feli Site Vice President Northern States Power Company -Minnesota Monticello Nuclear Generating Plant 2807 West County Road 75 Monticello, MN 55362-9637

Nine Mile Point Nuclear Station

Nine Mile Point Nuclear Station, LLC Docket No. 50-220 License No. DPR-63

Mr. Christopher Costanzo Vice President Nine Mile Point Nine Mile Point Nuclear Station, LLC P. O. Box 63 Lycoming, New York 13093

North Anna Power Station

Virginia Electric & Power Co. Docket Nos. 50-338 and 50-339 License Nos. NPF-4 and NPF-7

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Glen Allen, VA 23060-6711

Oconee Nuclear Station

Duke Energy Carolinas, LLC Docket Nos. 50-269, 50-270 and 50-287 License Nos. DPR-38, DPR-47 and DPR-55

Mr. Scott Batson

Vice President, Oconee Nuclear Station Duke Energy Carolinas, LLC 7800 Rochester Highway Seneca, SC 29672

Oyster Creek Nuclear Generating Station

Exelon Generation Co., LLC Docket No. 50-219 License No. DPR-16

Mr. Michael J. Pacilio President and Chief Nuclear Officer Exelon Nuclear 4300 Winfield Road Warrenville, IL 60555

Palisades Nuclear Plant

Entergy Nuclear Operations, Inc. Docket No. 50-255 License No. DPR-20

Vice President, Operations
Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043

Palo Verde Nuclear Generating Station
Arizona Public Service Company
Docket Nos. STN 50-528, STN 50-529 and
STN 50-530
License Nos. NPF-41, NPF-51 and NPF-74

Mr. Randall K. Edington
Executive Vice President Nuclear and
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Peach Bottom Atomic Power Station
Exelon Generation Co, LLC
Docket Nos. 50-277 and 50-278
License Nos. DPR-44 and DPR-56

Mr. Michael J. Pacilio President and Chief Nuclear Officer Exelon Nuclear 4300 Winfield Road Warrenville, IL 60555

Perry Nuclear Power Plant
FirstEnergy Nuclear Operating Co.
Docket No. 50-440
License No. NPF-58

Mr. Ernest J. Harkness Site Vice President - Nuclear - Perry FirstEnergy Nuclear Operating Company Perry Nuclear Power Plant PO Box 97, A290 Perry, OH 44081 Pilgrim Nuclear Power Station Unit No. 1
Entergy Nuclear Operations, Inc.
Docket No. 50-293
License No. DPR-35

Mr. John Dent, Jr.
Vice President and Site Vice President
Entergy Nuclear Operations, Inc.
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360-5508

Point Beach Nuclear Plant
NextEra Energy Point Beach, LLC
Docket Nos. 50-266 and 50-301
License Nos. DPR-24 and DPR-27

Mr. Eric McCartney Site Vice President NextEra Energy Point Beach, LLC 6610 Nuclear Road Two Rivers, WI 54241-9516

Prairie Island Nuclear Generating Plant Northern States Power Co. -Minnesota Docket Nos. 50-282 and 50-306 License Nos. DPR-42 and DPR-60

Mr. Kevin K. Davison Site Vice President Northern States Power Company - Minnesota Prairie Island Nuclear Generating Plant 1717 Wakonade Drive East Welch, MN 55089-9642

Quad Cities Nuclear Power Station Exelon Generation Company Docket Nos. 50-254 and 50-265 License Nos. DPR-29 and DPR-30

Mr. Michael J. Pacilio President and Chief Nuclear Officer Exelon Nuclear 4300 Winfield Road Warrenville, IL 60555

R.E. Ginna Nuclear Power Plant R.E. Ginna Power Plant, LLC Docket No. 50-244

License No. DPR-18

Mr. Joseph E. Pacher Vice President R. E. Ginna Nuclear Power Plant R. E. Ginna Nuclear Power Plant, LLC 1503 Lake Road Ontario, NY 14519

River Bend Station Entergy Operations, Inc.

Docket No. 50-458 License No. NPF-47

Vice President, Operations Entergy Operations, Inc. River Bend Station 5485 U.S. Highway 61N St. Francisville, LA 70775

Salem Nuclear Generating Station

PSEG Nuclear, LLC. Docket Nos. 50-272 & 50-311 License Nos. DPR-70 and DPR-75

Mr. Thomas Joyce
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Seabrook Nuclear Plant

NextEra Energy Seabrook, LLC Docket No 50-443 License No. NFP-86

Mr. Kevin Walsh Vice President, Seabrook Nuclear Plant c/o Mr. Michael O'Keefe NextEra Energy Seabrook, LLC P.O. Box 300 Seabrook, NH 03874

Sequoyah Nuclear Plant

Tennessee Valley Authority
Docket Nos. 50-327 and 50-328
License Nos. DPR-77 and DPR-79

Mr. Joseph W. Shea Vice President, Nuclear Licensing Tennessee Valley Authority 1101 Market Street LP 3D-C Chattanooga, TN 37402

Shearon Harris Nuclear Power Plant Duke Energy Progress, Inc.

Docket No. 50-400

License No.

Mr. Ernest J. Kapopoulos, Jr. Vice President Shearon Harris Nuclear Power Plant 5413 Shearon Harris Rd New Hill, NC 27562-0165

South Texas Project

STP Nuclear Operating Company Docket Nos. 50-498 and 50-499 License Nos. NPF-76 and NPF-80

Mr. Dennis L. Koehl President and CEO/CNO STP Nuclear Operating Company South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, TX 77483

St. Lucie Plant

Florida Power and Light Company Docket Nos. 50-335 and 50-389 License Nos. DPR-67 and NPF-16

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Executive Vice President
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NextEra Energy
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Surry Power Station
Virginia Electric & Power Company
Docket Nos. 50-280 and 50-281

License Nos. DPR-32 and DPR-37

Mr. David A. Heacock
President and Chief Nuclear Officer,
Dominion Nuclear
Virginia Electric & Power Company
5000 Dominion Blvd.
Glen Allen, VA 23060

Susquehanna Steam Electric Station

PPL Susquehanna, LLC Docket Nos. 50-387 and 50-388 License Nos. NPF-14 and NPF-22

Mr. Timothy S. Rausch Senior Vice President and Chief Nuclear Officer PPL Susquehanna, LLC 769 Salem Boulevard NUCSB3 Berwick, PA 18603-0467

Three Mile Island Nuclear Station
Exelon Generation Company, LLC.
Docket No. 50-289
License No.

Mr. Michael J. Pacilio President and Chief Nuclear Officer Exelon Nuclear 4300 Winfield Road Warrenville, IL 60555 Turkey Point Nuclear Generating Station
Florida Power & Light Company
Docket Nos. 50-250 & 50-251
License Nos. DPR-031 and DPR-41

Mr. Mano Nazar
Executive Vicep President
and Chief Nuclear Officer
NextEra Energy
P. O. Box 14000
Juno Beach, FL 33408-0420

Vermont Yankee Nuclear Power Station
Entergy Nuclear Operations
Docket No. 50-271
License No. DPR-28

Vice President, Operations Entergy Nuclear Operations, Inc. Vermont Yankee Nuclear Power Station P.O. Box 250 Governor Hunt Road Vernon, VT 05354

Virgil C. Summer Nuclear Station
South Carolina Electric & Gas Company
Docket No. 50-395
License No. NPF-12

Mr. Thomas D. Gatlin, Vice President Nuclear Operations South Carolina Electric & Gas Company Virgil C. Summer Nuclear Station Post Office Box 88, Mail Code 800 Jenkinsville, SC 29065

Vogtle Electric Generating Plant
Southern Nuclear Operating Company, Inc.
Docket Nos. 50-424 & 50-425
License Nos. NPF-68 and NPF-81

Mr. C. R. Pierce Regulatory Affairs Director Southern Nuclear Operating Co., Inc. P. O. Box 1295 / Bin 038 Birmingham, AL 35201-1295 Waterford Steam Electric Station Entergy Operations, Inc. Docket No. 50-382 License No. NPF-38

Vice President, Operations
Entergy Operations, Inc.
Waterford Steam Electric Station, Unit 3
17265 River Road
Killona, LA 70057-0751

Watts Bar Nuclear Plant
Tennessee Valley Authority
Docket Nos. 50-390 & 50-391
License Nos. NPF-90

Mr. Joseph W. Shea Vice President, Nuclear Licensing Tennessee Valley Authority 1101 Market Street, LP 3D-C Chattanooga, TN 37402-2801

William B. McGuire Nuclear Station
Duke Energy Carolinas, LLC
Docket Nos. 50-369 and 50-370
License Nos. NPF-9 and NPF-17

Steven D. Capps
Duke Energy Carolinas, LLC
McGuire Nuclear Station
12700 Hagers Ferry Road
Huntersville, NC 28078-8985

Wolf Creek Generating Station
Wolf Creek Nuclear Operating Corporation
Docket No. 50-482
License No. NPF-42

Mr. Matthew W. Sunseri President and Chief Executive Officer Wolf Creek Nuclear Operating Corporation P.O. Box 411 Burlington, KS 66839 and will allow the NRC staff to assess their acceptability. The NRC staff will consider the appropriateness of the interim evaluations or actions in the context of a licensee's ability to demonstrate the seismic safety of the plant.

The staff has determined that the Expedited Approach provides an important demonstration of seismic margin and will result in plant safety enhancements through evaluations and potential modifications of certain core and containment cooling equipment in advance of completing the more comprehensive plant seismic risk evaluations.

Although plant safety enhancements resulting from the Expedited Approach will generally be implemented by December 2016 for CEUS plants and June 2018 for WUS plants, licensees should not solely rely on the Expedited Approach as their interim actions. Instead, licensees should provide, with the March 31, 2014, screening report, an interim evaluation or actions as described above to demonstrate that the plant can cope with the reevaluated hazard while the expedited approach and risk evaluations are conducted.

If you have any questions on this matter, please contact your NRC licensing Project Manager.

Sincerely,

JUhle for

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation

Enclosure: List of Addressees

cc: Listserv

DISTRIBUTION: See next page

ADAMS Accession No.: ML14030A046

*via e-mail

OFFICE	NRR/JLD/PMB/PM	NRR/JLD/LA *	NRR/JLD/PMB/BC *
NAME	NDiFrancesco	SLent	MMitchell
DATE	1/ 31 /2014	1/ 31 /2014	2/ 6 /2014
OFFICE	NRO/DSEA/RGS2/BC *	OGC *	NRR/JLD/D *
NAME	DJackson	BHarris (NLO)	DSkeen (RTaylor for)
DATE	2/ 19 /2014	2/ 4 /2014	2/ 19 /2014
OFFICE	NRO/DSEA/D *	NRR/DIRS/D *	NRR/D
NAME	SFlanders (NChokshi for)	HNieh	ELeeds (JUhle for)
DATE	2/ 19 /2014	2/ 11 /2014	2/ 20 /2014

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⁶ The time to complete modifications resulting from the expedited approach could extend beyond 2016 for some CEUS plants, if a plant outage is required to access the equipment.

Letter to All Power Reactor Licensees and Holders of Construction Permits in Active or Deferred Status from Eric J. Leeds dated February 20, 2014

SUBJECT: SUPPLEMENTAL INFORMATION RELATED TO REQUEST FOR

INFORMATION PURSUANT TO TITLE 10 OF THE CODE OF FEDERAL REGULATIONS 50.54(f) REGARDING SEISMIC HAZARD REEVALUATIONS FOR RECOMMENDATION 2.1 OF THE NEAR-TERM TASK FORCE REVIEW

OF INSIGHTS FROM THE FUKUSHIMA DAI-ICHI ACCIDENT

DISTRIBUTION:

DISTRIBUTION:		
PUBLIC	RidsNrrLASFigueroa	RidsNrrPMNineMile
LPL1-1 R/F	RidsNrrLAKGoldstein	RidsNrrPMNorthAnna
LPL1-2 R/F	RidsNrrLASRohrer	RidsNrrPMOconee
LPL2-1 R/F	RidsNrrLaSLent	RidsNrrPMOysterCreek
LPL2-2 R/F	RidsNrrLAMHenderson	RidsNrrPMPalisades
LPL3-1 R/F	RidsNrrPMANO	RidsNrrPMPaloVerde
LPL3-2 R/F	RidsNrrPMBeaverValley	RidsNrrPMPeachBottom
LPL4-1 R/F	RidsNrrPMBellefonte	RidsNrrPMPerry
LPL4-2 R/F	RidsNrrPMBraidwood	RidsNrrPMPilgrim
RidsNroOd	RidsNrrPMBrownsFerry	RidsNrrPMPointBeach
RidsNrrDorl	RidsNrrPMBrunswick	RidsNrrPMPrairieIsland
RidsNrrDorlLpl1-1	RidsNrrPMByron	RidsNrrPMQuadCities
RidsNrrDorlLpl1-2	RidsNrrPMCallaway	RidsNrrPMREGinna
RidsNrrDorlLpl2-1	RidsNrrPMCalvertCliffs	RidsNrrPMRiverBend
RidsNrrDorlLpl2-2	RidsNrrPMCatawba	RidsNrrPMRobinson
RidsNrrDorlLpl3-1	RidsNrrPMClinton	RidsNrrPMSalem
RidsNrrDorlLpl3-2	RidsNrrPMColumbia	RidsNrrPMSeabrook
RidsNrrDorlLpl4-1	RidsNrrPMComanchePeak	RidsNrrPMSequoyah
RidsNrrDorlLpl4-2	RidsNrrPMCooper	RidsNrrPMShearonHarris
RidsNrrOd	RidsNrrPMDCCook	RidsNrrPMSouthTexas
RidsNsirOd	RidsNrrPMDavisBesse	RidsNrrPMStLucie
RidsOeMailCenter	RidsNrrPMDiabloCanyon	RidsNrrPMSummer
RidsOgcMailCenter	RidsNrrPMDresden	RidsNrrPMSurry
LRegner, NRR	RidsNrrPMDuaneArnold	RidsNrrPMSusquehanna
MKhanna, NRR	RidsNrrPMFarley	RidsNrrPMThreeMileIsland
RPascarelli, NRR	RidsNrrPMFermi2	RidsNrrPMTurkeyPoint
BBeasley, NRR	RidsNrrPMFitzPatrick	RidsNrrPMVermontYankee
JQuichocho, NRR	RidsNrrPMFortCalhoun	RidsNrrPMVogtle
TTate, NRR	RidsNrrPMGrandGulf	RidsNrrPMWaterford
RCarlson, NRR	RidsNrrPMHatch	RidsNrrPMWattsBar1
MMarkley, NRR	RidsNrrPMHopeCreek	RidsNrrPMWattsBar2
DBroaddus, NRR	RidsNrrPMIndianPoint	RidsNrrPMWolfCreek
NDiFrancesco, NRR	RidsNrrPMLaSalle	RidsOgcRp Resource
MJardaneh, NRO	RidsNrrPMLimerick	RidsRgn1MailCenter Resource
RidsNrrLAABaxter	RidsNrrPMMcGuire	RidsRgn2MailCenter Resource
RidsNrrLAJBurkhardt	RidsNrrPMMillstone	RidsRgn3MailCenter Resource
RidsNrrLABClayton	RidsNrrPMMonticello	RidsRgn4MailCenter Resource